

BIOMARIN PHARMACEUTICAL INC  
 Form 4  
 April 03, 2008

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 ASELAGE STEVE

2. Issuer Name and Ticker or Trading Symbol  
 BIOMARIN PHARMACEUTICAL INC [BMRN]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 SVP, Global Commercial Dev

(Last) (First) (Middle)  
 C/O BIOMARIN  
 PHARMACEUTICAL INC, 105  
 DIGITAL DRIVE  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 04/01/2008

NOVATO, CA 94949  
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	04/01/2008	04/01/2008	M	805	A \$ 7.16	32,839	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	80	D \$ 35.83	32,759	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	80	D \$ 35.78	32,679	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	80	D \$ 35.75	32,599	D
	04/01/2008 <sup>(1)</sup>	04/01/2008	S	80	D	32,519	D

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Common Stock						\$ 35.826		
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	80	D	\$ 35.884	32,439	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	91	D	\$ 36.052	32,348	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	149	D	\$ 36.24	32,199	D
Common Stock	04/01/2008 <sup>(1)</sup>	04/01/2008	S	165	D	\$ 36.47	32,034	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (right to buy)	\$ 7.16	04/01/2008 <sup>(1)</sup>	04/01/2008	M	805	07/01/2006 <sup>(2)</sup> 06/30/2015	Common Stock	805

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ASELAGE STEVE C/O BIOMARIN PHARMACEUTICAL INC 105 DIGITAL DRIVE NOVATO, CA 94949			SVP, Global Commercial Dev	

## Signatures

/s/ G. Eric Davis,  
Attorney-in-Fact

04/03/2008

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
  - \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Transaction made pursuant to a Rule 10b5-1 Trading Plan.
  - (2) Original option grant vested 12/36ths on 7/1/2006 and 1/36th on the 1st of every month thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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